

Cambridge University Press

978-0-521-16916-5 - The Human Uses of Flint and Chert: Proceedings of the Fourth International Flint Symposium Held at Brighton Polytechnic 10–15 April 1983

Edited By G. De G. Sieveking and M. H. Newcomer

Table of Contents

[More information](#)

Contents

List of contributors	vii
Preface	ix
1. Refitting stone artefacts: why bother? DANIEL CAHEN	1
2. Technological variability and change seen through core reconstruction ANTHONY E. MARKS AND PHILLIP VOLKMAN	11
3. Intentional breakage in a late Upper Palaeolithic assemblage from southern England C. A. BERGMAN, R. N. E. BARTON, S. M. COLLCUTT AND G. MORRIS	21
4. Flint chips from Pincevent M. H. NEWCOMER AND C. KARLIN	33
5. An experiment to produce a ground flint axe P. HARDING	37
6. Experimental investigation of the heat treatment of flint D. R. GRIFFITHS, C. A. BERGMAN, C. J. CLAYTON, K. OHNUMA, G. V. ROBINS AND N. J. SEELEY	43
7. The development and application of microwear analysis since 1964 JILL COOK AND JOHN DUMONT	53
8. Preliminary investigation into the quantification of wear traces on flint tools R. GRACE, I. D. GRAHAM AND M. H. NEWCOMER	63
9. Microflaking quantification KAORU AKOSHIMA	71
10. The influence of flint microstructure on the formation of microwear polishes ROSEMARY BRADLEY AND CHRIS CLAYTON	81
11. Problems encountered in a high-power microwear study of some Egyptian predynastic lithic artefacts D. L. HOLMES	91
12. Mount Sandel microwear: a preliminary report JOHN V. DUMONT	97
13. Wear analysis of a Lower Magdalenian flint assemblage from southwestern France PATRICK VAUGHAN	111
14. The transport and abrasion of flint handaxes in a gravel-bed river P. HARDING, P. L. GIBBARD, J. LEWIN, M. G. MACKLIN AND E. H. MOSS	115

Cambridge University Press

978-0-521-16916-5 - The Human Uses of Flint and Chert: Proceedings of the Fourth International Flint Symposium Held at Brighton Polytechnic 10–15 April 1983

Edited By G. De G. Sieveking and M. H. Newcomer

Table of Contents

[More information](#)

vi	<i>Contents</i>	
	15. Prehistoric flint mining: the history of research – a review	127
	GÜNTER SMOLLA	
	16. The technological relationship between flint mining and early copper mining	131
	G. WEISGERBER	
	17. The exploitation of chocolate flint in central Poland	137
	ROMUALD SCHILD	
	18. Flintmining in Sweden during the Neolithic period: new evidence from the Kvarnby–S. Sallerup area	151
	ELISABETH RUDEBECK	
	19. A flint quarry in the Hambledon Hill Neolithic enclosure complex	159
	R. J. MERCER	
	20. The ancient chert mines at Wadi el-Sheikh (Egypt)	165
	G. WEISGERBER	
	21. A sociocultural perspective on the spatial analysis of commodity and stylistic distributions	173
	ROBERT N. ZEITLIN	
	22. Exchange pathways at a stone axe factory in Papua New Guinea	183
	JOHN BURTON	
	23. Neolithic exchange systems in central Europe 5000–3000 bc	193
	ANDREW SHERRATT	
	24. Sources and specialists: three ancient Near Eastern urban flint industries	205
	ROBERT MILLER	
	25. Recent developments in the application of the <i>k</i> -means approach to spatial analysis	211
	ALBERT J. AMMERMAN, KEITH W. KINTIGH AND JAN F. SIMEK	
	26. Circulation of Solutrean foliate points within the Perigord, SW France	217
	ROY R. LARICK	
	27. Recent work on sources of Italian flint	231
	L. H. BARFIELD	
	28. Danubian raw material distribution patterns in eastern central Europe	241
	JACEK LECH	
	29. Cretaceous chert sourcing in north east Ireland: preliminary results	249
	D. GRIFFITHS AND P. C. WOODMAN	
	30. Microwear polishes, blind tests, and texture analysis	253
	M. H. NEWCOMER, R. GRACE AND R. UNGER-HAMILTON	